

IN THE CLAIMS

- A2
1. (canceled)
 2. (canceled)
 3. (canceled)
 4. (canceled)
 5. (canceled)
 6. (canceled)
 7. (canceled)
 8. (canceled)

9. (new) An optical glass comprising, in mass %,

SiO₂ 40 - 70%

PbO 14 - 50%

Na₂O and/or K₂O in the total amount of 8 - 17%

where

Na₂O 0 - 14%

and

K₂O 0 - 15%

B₂O₃ 0 - 5%

As₂O₃ 0 - 1%

Sb₂O₃ 0 - 1%

TiO₂ 0 - 0.2% and

fluoride or fluorides substituting for the above oxide or oxides partially or entirely, a total amount of F contained in the fluoride or fluorides being 0 - 2%.

10. (new) An optical glass as defined in claim 9 comprising, in mass %,

Li₂O 0 - 2%

CaO 0 - 2%

SrO 0 - 2%

BaO 0 - 5%

Al₂O₃ 0 - 2%

the total amount of one or more of the Li₂O, CaO, SrO, BaO and Al₂O₃ ingredients being 5% or below.

11. (new) An optical glass as defined in claim 9 wherein an amount of change in refractive index (Δn : difference in refractive index between a state before radiation and a state after radiation) caused by radiation of laser beam at

wavelength of 351nm having average output power of 0.43W, pulse repetition rate of 5kHz and pulse width of 400ns for one hour is 5 ppm or below.

12. (new) An optical glass as defined in claim 11 comprising a fluorine ingredient and/or a titanium oxide ingredient and/or an arsenic oxide ingredient.

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cont
13. (new) An optical glass as defined in claim 4 comprising, in mass %, a total amount of 0.1 - 2% of fluoride or fluorides as the fluorine ingredient and/or 0.001 - 0.2% of TiO_2 as the titanium oxide ingredient and/or 0.001 - 1% of As_2O_3 as the arsenic oxide ingredient.
